



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

7-605

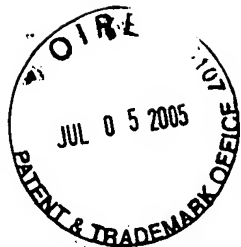
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In regards	Application of Fred D. Lang)	GAU: 2857
Serial No.	10/715,319)	Examiner:
Filing Date	November 17, 2003)	Manuel L. Barbee
Title:	METHOD FOR DETECTING HEAT)	
	EXCHANGER TUBE FAILURES AND)	
	THEIR LOCATION WHEN USING)	
	INPUT/LOSS PERFORMANCE)	Date of Submittal:
	MONITORING OF A RECOVERY BOILER)	July 5, 2005

Mail Stop: Amendment
Commissioner for Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This document submits an amendment to the claims and associated remarks, pertaining to Application Serial No. 10/715,319 in response to an Office Action Summary mailed 04/07/2005.



CERTIFICATION OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence and the documents, papers and/or fees referred to as attached therein are being deposited with the United States Postal Service on **July 5, 2005**, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.8, Mailing Label Number EU870783607US addressed to the:

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FRED D. LANG, Applicant

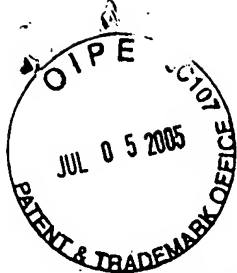
Name of Person This Mailing

Signature of Person This Mailing

Docket No.: 11700
Application No.: 10/715,319
Inventor & Appl.: Fred D. Lang
Title: METHOD FOR DETECTING HEAT EXCHANGER TUBE
FAILURES AND THEIR LOCATION WHEN USING INPUT/LOSS
PERFORMANCE MONITORING OF A RECOVERY BOILER

Total Pages: 34.

- ☐ Transmittal form; Pages 1
- ☐ Fee Transmittal with Fee of \$125 by check #1764; Pages 1
- ☐ Amendment, Pages 31.
- ☐ this Certificate of Mailing w/Postcard for return receipt.



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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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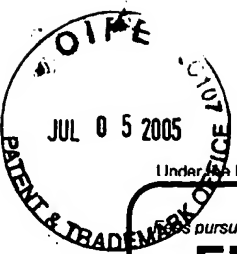
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/715,319	
	Filing Date	Nov. 17, 2003	
	First Named Inventor	Fred D. LANG	
	Group Art Unit	2857	
	Examiner Name	Manuel L. BARBEE	
Total Number of Pages in This Submission	34	Attorney Docket Number	11700

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply Pages 31 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for a Patent) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Cert. of Mailing with return receipt Postcard, Pages 1.
Remarks Please expedite this transmittal to GAU 2857.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	FRED D LANG, pro se Applicant
Signature	
Date	July 5, 2005

CERTIFICATE OF TRANSMISSION			
I hereby certify that this correspondence is being deposited with the US Postal Service with sufficient postage in an EXPRESS MAIL envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA., on this date: 7/05/2005			
Typed or printed name	FRED D LANG		
Signature		Date	7/05/2005

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Effective on 12/08/2004.

Enforced pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 125.00

Complete if Known

Application Number	10/715,319
Filing Date	Nov. 17, 2003
First Named Inventor	Fred D. LANG
Examiner Name	Manuel L. BARBEE
Art Unit	2857
Attorney Docket No.	11700

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims		
73 - 20 or HP = 53 (48 paid for) x \$25 = \$125		
Indep. Claims		
12 - 3 or HP = 9 (9 paid for) x \$100 = \$0		

HP = highest number of total claims paid for, if greater than 20.
HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets _____ Extra Sheets _____ Number of each additional 50 or fraction thereof _____ Fee (\$) _____ Fee Paid (\$) _____
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) _____
Other (e.g., late filing surcharge): _____ Submission of IDS (Fee Code 1806) _____

SUBMITTED BY	
Signature <i>Fred D. Lang</i>	Registration No. (Attorney/Agent)
Name (Print/Type) FRED D. LANG, pro se Applicant	Telephone 415-455-0100
	Date July 5, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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